

CECW-EH

**DEPARTMENT OF THE ARMY
U.S. Army Corps of Engineers
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**Engineering and Design
ICE JAM FLOODING:
CAUSES AND POSSIBLE SOLUTIONS**

1. Purpose

This pamphlet disseminates the results of research conducted by the U.S. Army Corps of Engineers Cold Regions Research and Engineering Laboratory on the causes and possible solutions to ice jam flooding problems.

2. Applicability

This pamphlet applies to all HQUSACE elements, major subordinate commands, districts, laboratories, and field operating activities having civil works responsibilities concerning ice.

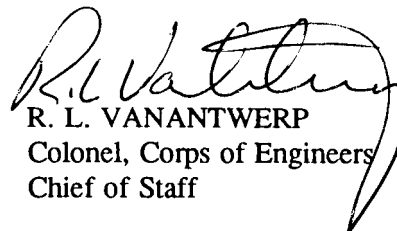
3. References

(See Appendix A.)

4. General

In spite of significant annual damages, ice jam flooding has received little public attention. This document brings together the diverse technical and nontechnical information that comprises the state of the art in ice jam mitigation. These concepts, which are based on the extensive experience, should be considered for new or rehabilitation projects where applicable.

FOR THE COMMANDER:


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